

MAIN INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 12/9/2014	Man Days: 1
Inspection Unit: Springfield	
Location of Audit: Springfield	
Exit Meeting Contact: John Sigler	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Kevin Hecker	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: 3600 block of West Wabash Avenue, Springfield, IL	Construction Performed By: KSE Construction (contracted by Ameren Illinois)	
Contractor Foreman:		
Operator Inspector:		
Person(s) On Job Site		
Mike Maxheimer	John Sigler	John Kelly
Dallas Jett	Rick Briener (K&S)	John Borden (K&S)
Bill North (K&S)	-	-
-	-	-
Description of Construction: Ameren Illinois was installing a new 10 3/4" welded steel line serving the south west side of Springfield along West Wabash Avenue. This project was in anticipation of a road widening project between Koke Mill Road and Mercantile Drive.		

MAIN INSTALLATION		Status
[192.55]	Steel	Yes
[192.59]	PE	No
[192.59]	Other	No
[192.5]	Class location :	Class 3
[192.619,192.621,192.623]	MAOP	110 psig
[192.63]	Pipe Size :	10.75"
[192.55,192.59]	Specification :	API 5L

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[192.55,192.59]	Manufacturer :	TMK IPSCO
[192.55,192.59]	Pipe Grade :	X-52M
[192.55,192.59]	Wall Thickness :	.365"
[192.63(a)(2)]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
[192.227]	Date of Welder qualification:	7/29/14
[192.227]	Welder's Name:	John Borden
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
<u>General Comment:</u> <i>Welder was to follow Ameren Welding procedure ENE-003. Staff observed a 30-degree bevel on pipe ends. Welder utilized 6010 rod on root pass (1/8") and 8010 on hot pass (5/32") and cap pass (3/16") welds. Pipe was preheated and temperature checked with a Milwaukee laser temperature device. Staff confirmed that >50% of the root pass was completed before line-up clamp was repositioned/removed. No deficiencies were discovered.</i>		
[192.285]	Date of Plastic Joining Qualification :	Not Applicable
<u>General Comment:</u> <i>No plastic joining was observed as part of this inspection.</i>		
[192.285]	Joiner's name:	Not Applicable
<u>General Comment:</u> <i>No plastic joining was observed as part of this inspection.</i>		
[192.455]	Is buried metallic pipe coated?	Satisfactory
<u>General Comment:</u> <i>Staff observed Bill North apply Denso Protal 7125 coating which is a fast cure, low temperature coating.</i>		
[192.461]	Does coating meet 192.461?	Satisfactory
<u>General Comment:</u> <i>Staff observed Bill North apply Denso Protal 7125 coating which is a fast cure, low temperature coating.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	Satisfactory
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	No
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	Yes
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Not Checked
<u>General Comment:</u> <i>Staff did not observe pipe being installed in the ditch. A portion was to be bored in, with the rest open cut.</i>		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Satisfactory
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Not Applicable

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<u>General Comment:</u>		
No above-ground facilities were inspected as part of this audit.		
[192.303]	Are comprehensive written construction specifications available and adhered to?	Satisfactory
<u>General Comment:</u>		
Construction plans were available to Ameren/K&S staff on the job site.		
[192.305]	Are inspections performed by the operator to check adherence to the construction specifications?	Satisfactory
<u>General Comment:</u>		
A welding instructor/inspector for Ameren was on site to observe and inspect welds.		
[192.307]	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	Satisfactory
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Not Applicable
<u>General Comment:</u>		
Back-filling was not observed during this audit.		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Not Applicable
<u>General Comment:</u>		
No plastic pipe was included in this inspection.		
[192.321(e)]	Does plastic pipe have means of locating while underground?	Not Applicable
<u>General Comment:</u>		
No plastic pipe was included in this inspection.		
[192.325]	Are required clearances from underground structures being maintained?	Satisfactory
[192.327]	Is required cover being obtained appropriate to type of pipeline and location?	Satisfactory
<u>General Comment:</u>		
Per project details, 5 feet of cover was to be maintained to accommodate the drainage system from the road expansion project. Staff was on-site to observe welding only, therefore no pipe was observed as it was being installed in the ditch/bored into the ground.		
[192.503]	Are general testing requirements being met?	Not Applicable
<u>General Comment:</u>		
No testing was observed as part of this inspection.		
[192.517]	Are records being made of strength and leak tests?	Not Applicable
<u>General Comment:</u>		
No testing was observed as part of this inspection.		

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[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	Not Applicable
<u>General Comment:</u> <i>There were no non-qualified employees on site. All personnel was qualified for tasks being performed.</i>		
[192.805(c)]	Were span of control limitations being followed?	Not Applicable
<u>General Comment:</u> <i>All K&S personnel observed were qualified for the tasks performed.</i>		
Was a Protocol 9 (Form 15) Completed?		No
[192.614]	Were One Call Notifications performed as required?	Satisfactory
[192.614]	Dig Ticket #	-
<u>General Comment:</u> <i>There are 3 JULIE tickets associated to this project: X-3300772 X-3300786 X-3300799</i>		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	Not Applicable
<u>General Comment:</u> <i>This pipeline was new construction. No gaseous atmosphere was present during this inspection.</i>		
[192.719(b)]	Was each repair made by welding to a transmission line made in accordance with 192.713, 192.715, and 192.717 and examined in accordance with 192.241?	Not Applicable
<u>General Comment:</u> <i>No repairs were made to this pipeline which is a high-pressure distribution line, not transmission.</i>		

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